



ARIIA

ATAL RANKING OF INSTITUTIONS
ON INNOVATION ACHIEVEMENTS

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ON INNOVATION ACHIEVEMENTS

All India Shri Shivaji Memorial Society`s Institute of Information Technology [ARI-I-1056][C-41410]

Section 1: Policy And Institutionalization Of I&E Activities In HEIs (Academic Calendar Year 2020-21 & 2021-22)

1.1) Adoption Level of Innovation and Entrepreneurship (I&E) Policy in HEIs: Registration; Policy Formulation; Policy Implementation

Completion of Action Items (status as on 7th November 2022)	Status
Registered in the NISP portal for I&E Policy Adoption	Yes
Institute has Formulated an Innovation and Entrepreneurship (I&E) Policy	No
Institute has Action Plans for Implementation of the I&E Policy	No

Contact:

Faculty Name:	Mr.Neeraj Devidas Gaikwad
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Designation:	CEO-IEDC-AISSMS IOIT PUNE
Email ID:	ndgaikwad@aissmsioit.org
Mobile No.	9421055660

1.2) Performance Level of Institution's Innovation Councils (IICs) Established in HEIs: Scores and Stars Obtained

Annual Performances of IIC Institute	Stars Secured
IIC 1.0 (2018-19)	
IIC 2.0 (2019-20)	1
IIC 3.0 (2020-21)	1
IIC 4.0 (2021-22)	0 (On Progress)

Contact:

IIC President of the Institute:	Dr. P. B. Mane
Designation:	Principal
Email ID:	principal@aissmsioit.org
Mobile No.	9420918444

1.3) Activeness of Trained Innovation Ambassadors in Driving Campus I&E Ecosystems in HEIs: Trained IA/HEI and Nos of Prescribed Activities undertaken by IA

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
1	Devendra Itole	Advance	0
2	Dr. Mrunal Pathak	Advance	0
3	Sheetal Kulkarni	Advance	0
4	Dr. Yogesh Patil	Advance	0
5	Dr. Nidhi Sharma	Advance	0

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
6	Mahesh Nigade	Advance	0
7	Prajwal Gaikwad	Advance	0

1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-41410	Yes
HEI Participated in the Smart India Hackathon (2022)	C-41410	Yes

Section 2: Teaching and Learning: Academic Programs related to Innovation and Entrepreneurship (I&E) Offered by the HEI

2.1) Academic Courses in Innovation, Entrepreneurship and IPR

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	C E C
No Data Found									

2.2) Non-Academic Courses in Innovation, Entrepreneurship and IPR

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Pro Sta Dat
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Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Pro Sta Dat
1	Patent Drafting for beginners	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	NPTEL	01-11-2020

Section 3: Pre-Incubation and Incubation Infrastructure & Facilities are Currently in Operation to Promote I&E Agenda (AY 2020-21 & 2021-22)

3.1) Existence of Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Cell/Startup Cell) (\geq 600 Sq. Ft. Floor Area)

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Go
1	IEDC	Innovations, Incubation – Entrepreneurship Development Cell	Devendra Itole	9421173078	devendra.itole@aissmsioit.org	Me Inc Su Pro Bu De Fa (In Mc Ma Gr

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. !
2	IEDC	Innovations, Incubation – Entrepreneurship Development Cell	Devendra Itole	9421173078	devendra.itole@aissmsioit.org	Me Inc Su Pro Bu De Fa (In Mc Ma Gr

3.2) Existence of Incubation Facility (>= 1500 Sq. Ft. Floor Area)

Sr. No.	Name of Unit	In-charge Name	Contact no	Email
1	Innovation Incubation and Entrepreneurship Development Cell	Dr. P. B. Mane, Mr. N. D. Gaikwad, Mrs. M. K. Pathak	9420918444, 9421055660, 9421705871	principal@aiss
2	Innovations, Incubation – Entrepreneurship Development Cell	Devendra Itole	9421173078	devendra.itole

3.3) Existence of IPR Cell / Patent Facilitation Unit / Technology Transfer Centre at the institute

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. !
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Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. !
1	IPR Cell	Innovation Incubation Entrepreneur Development Cell	Mr. Devendra Itole	7972949497	devendra.itole@aissmsioit.org	Mento Grant ! Incuba Suppo Protot Busine Develc Facility (Innov: Model Market Growtl
2	IPR Cell	Innovation Incubation and Entrepreneur Development Cell	Devendra Itole	7972949497	devendra.itole@aissmsioit.org	Mento Incuba Suppo Protot Busine Develc Facility (Innov: Model Market Growtl

Section 4: Generation and Support of Prototypes / Innovations at HEI and Recognition received (AY 2020-21 & 2021-22)

4) Total no. of Innovations (Verified and Recommended) in Different TRLs (4-9) are Recorded in the YUKTI National Innovation Repository of the IIC Institute (Status as on 7th November 2022)

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Co No
No Data Found							

Section 5: Start-ups/Ventures Established and Supported at HEI and & Recognitions Received (AY 2020-21 & 2021-22)

5) Total no of Ventures/Startups (Verified and Recommended) are Recorded in the YUKTI National Innovation Repository of the IIC Institute (Status as on 7th November 2022)

Sr. No.	Startup/Venture Name	Startup/Venture Registered as	CIN No/LLP/OPC/RC No	GST No	FY of Establishment	Startu Recog DPIIT/ India
No Data Found						

Section 6: Collaboration with Other Incubation Units, HEIs and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at HEI (AY 2020-21 & 2021-22)

6) Collaboration with Other Incubation Units, HEIs and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at HEI (AY 2020-21 & 2021-22)

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on
1	SSP Technology	Corporate/Industry Association	01	Active	14-02-2022
2	Bharat Soft Solution	Corporate/Industry Association	01	Active	14-02-2022

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on
3	Messung Systems Pvt LTD	Corporate/Industry Association	03	Active	29-06-2020
4	pqExcel solutions LLP	Corporate/Industry Association	03	Active	01-03-2021
5	Dolphin Labs	Corporate/Industry Association	01	Active	16-12-2021
6	Electronics Study Center	Educational Institute	01	Inactive	13-08-2021
7	EV Sawari	Corporate/Industry Association	01	Active	06-05-2022
8	J.S. Mane	Corporate/Industry Association	01	Active	12-04-2022
9	KDEE Electroera India Pvt Ltd	Corporate/Industry Association	01	Active	13-05-2022
10	Opulence Power Pvt Ltd	Corporate/Industry Association	01	Active	06-05-2022
11	Orbital Electromech engg project pvt ltd	Corporate/Industry Association	01	Active	11-05-2022
12	SAS Powertech Pvt Ltd	Corporate/Industry Association	03	Active	10-06-2021
13	Unique Education Society's Skill development centre	Educational Institute	02	Active	18-05-2022
14	B&R Industrial Automation Pvt. Ltd.	Corporate/Industry Association	1	Active	01-01-2022

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on
15	Emerson India	Corporate/Industry Association	03	Active	06-01-2020
16	Future Automation Pvt Ltd	Corporate/Industry Association	03	Active	07-10-2020
17	K-Star Plastic Industries	Corporate/Industry Association	01	Active	23-03-2022
18	Purecrete RMC India Pvt Ltd Pune	Corporate/Industry Association	03	Active	02-08-2022
19	AK IT Service Pvt Ltd	Corporate/Industry Association	01	Inactive	14-06-2021
20	Catalyst IT Pvt Ltd	Corporate/Industry Association	01	Inactive	19-01-2021
21	Cloud Counseladge Pvt Ltd	Corporate/Industry Association	01	Inactive	30-06-2020
22	DataMetica Ltd	Corporate/Industry Association	01	Active	24-02-2022
23	Eduskills Pvt. Ltd	Educational Institute	03	Active	08-12-2021
24	i-Made Mobile India Pvt Ltd	Corporate/Industry Association	01	Inactive	02-09-2020
25	My Tech Focus	Corporate/Industry Association	01	Active	17-01-2022
26	PiSyst India Pvt. Ltd	Corporate/Industry Association	01	Active	15-06-2022
27	The Scholars Higher Educational Route	Knowledge/Mentoring Agency	01	Inactive	08-12-2020
28	Oytie Pvt. Ltd	Corporate/Industry Association	03	Active	08-12-2020

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on
29	Praddnya Sikachi Associates	Knowledge/Mentoring Agency	01	Active	04-08-2022
30	Red Enviro Consultancy & Engg services pvt ltd	Corporate/Industry Association	01	Active	29-07-2022
31	Rajvimal Engineering works	Corporate/Industry Association	01	Active	20-04-2022
32	Laxmibai Bhaurao Patil Center for Invention, Innovation & Incubation	Incubation Unit	04	Active	30-08-2021
33	Key Technologies	Corporate/Industry Association	01	Active	29-07-2022
34	Eltek Engineers	Corporate/Industry Association	01	Active	29-07-2022
35	Scientific Jugaadfunda MACCIA	Govt. Agency (State)	01	Active	08-04-2022
36	Prowisdom Growth Private Ltd,Pune	Corporate/Industry Association	01	Inactive	26-03-2021

Section 7: Intellectually Property (IP) Generated and Commercialization

7.1) IPR Filed and Published (Copyrights & Design only)

Sr. No.	Title/Name of IP (Copyright/Design Only)	Type of IP	IP Registration Number of Copyright/Design	Date of Filed/Published	Has this IP(Copyright/Designs Only) been Commercialized/To Industry/Startup/:
1	Locking Device For Laptop	Design	340484-001	13-03-2021	Yes
2	Multiuse exercise assembly	Design	318418-001	03-06-2021	Yes
3	Murmure	Copy Right	L-100215/2021	10-03-2021	Yes
4	Solving Mathematical Captcha Using Image	Copy Right	SW-14682/2021	25-07-2021	Yes
5	Kick Start Python	Copy Right	L-104447/202	14-02-2021	Yes

7.2) Patents Filed by HEI

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
1	Smart and safe geyser system for bathroom with controlled latch	202121036935	15-08-2021
2	Automatic Water Tank Cleaner Using Arduino Uno	202221039886	17-07-2022
3	Automated Mask Disposer for Surgical Mask	202121001057	09-01-2021
4	Agri-Incubator	202021041580	25-09-2020

7.3) Patent Published / Granted Data

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year
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Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year
1	202221008798	CNN Based Finger Vein Identification System	19-02-2022	Published	2022
2	202221000439	Methodology for Analyzing the Quality of Websites Based On Machine Learning Techniques	04-01-2022	Published	2022
3	202141001290	IAH-Waste Management: Intelligent waste management for Ayurveda hospitals using IoT-Based.	12-01-2021	Published	2021
4	202141004759	ASTHMA detection and Notification using IoT based with very Small Device	04-02-2021	Published	2021
5	202141013638	Natural Language Processing based Patient Medical conditions Assessment System	27-03-2021	Published	2021
6	202121036935	SMART AND SAFE GEYSER SYSTEM FOR BATHROOM WITH CONTROLLED LATCHES	15-08-2021	Granted	2021
7	202021006596	NON HAZARDOUS WASTE SANITARY PAD DECOMPOSITION SYSTEM	14-02-2020	Granted	2021
8	201921014084	METHOD, APPARATUS AND SYSTEM FOR FINDING A SQUARE ROOT OF A PERFECT SQUARE NUMBER.	08-04-2019	Granted	2021
9	201821027705	FUZZY ROUGH ASSISTED PORTABLE MINIATURE DILIGENT E-HEART SYSTEM	24-07-2018	Granted	2022
10	201821017915	SOFT ROUGH SET BASED HEART HEALTH MONITORING SYSTEM USING PHOTOPLETHYSMOGRAPHIC WAVEFORMS	12-05-2018	Granted	2022

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year
11	1721/MUM/2015	SMART WASTE COLLECTION AND MANAGEMENT SYSTEM	30-04-2015	Granted	2022
12	202221024402	A DEVICE FOR REPELLING ANIMALS	26-04-2022	Published	2022
13	202221005289	WEBSERVER FOR TEXT TO SPEECH CONVERSION	31-01-2022	Published	2022
14	202031050746	IOT BASED MODERN SITE SUPERVISING METHOD	21-11-2020	Published	2020
15	202021006665	IOT BASED POWER THEFT DETECTION AND MONITORING SYSTEM	16-02-2020	Published	2020
16	202021008223	IOT BASED WATER DISPENSING APPARATUS	26-02-2020	Published	2020
17	201921016526	METHOD AND SYSTEM OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE GRADE DETERMINATION USING SURFACE ELECTROMYOGRAPHY	25-04-2019	Published	2020
18	201921014004	LAB VIEW BASED RUNWAY VISIBILITY MEASUREMENT USING FORWARD SCATTERING	08-04-2019	Published	2020
19	201921014006	WEB BASED AUTOPNEUMATIC SOLAR PANEL CLEANING SYSTEM	08-04-2019	Published	2020
20	202022100696	An analog emulator system for temperature control of a heat exchanger (German Patent)	07-02-2022	Granted	2022
21	2021100238	Adaptive spatial trajectory tracking control for autonomous underwater vehicle (Australian Patent)	14-01-2021	Granted	2021

7.4) IP Commercialized and Transferred to Industry/Startup

Sr. No.	Name of Technology Licenced/Transferred/Commercialized	Technology Type	Patent/Licence Holder name (Institute Co-ownership is Must)	Technology Transferred to
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No Data Found



Declaration

To,
The ARIIA Committee
MHRD's Innovation Cell
New Delhi

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself **Dr. Pradeep B. Mane** (Head of Institute) and **Mr. Devendra Anant Itole** (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

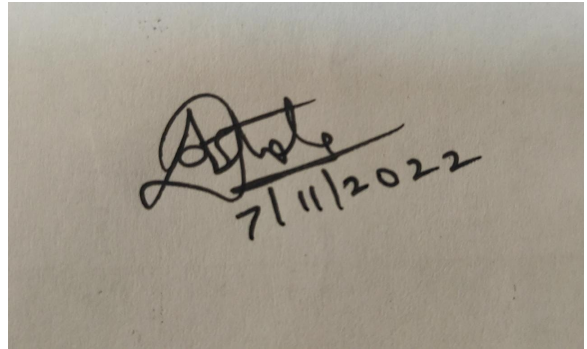
Thank you

The Head of Institute



Dr. Pradeep B. Mane,
Head of the Institution,
All India Shri Shivaji Memorial Society's
Institute of Information Technology,
Pune, Maharashtra

Nodal officer



Mr. Devendra Anant Itole,
Nodal Officer,
All India Shri Shivaji Memorial Society's
Institute of Information Technology,
Pune, Maharashtra